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- 14 **Implementation of digital HDTV encoder with parallel sub-picture encoding modules and its joint bit-allocation strategy**
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1 **Locally optimal, buffer-constrained motion estimation and mode selection for video sequences**
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L Number	Hits	Search Text	DB	Time stamp
1	93	finite-state adj transducer	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 12:24
2	65	704/ cdis. and (finite-state adj transducer)	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 12:25
3	65	(US-5477451-\$ or US-5369577-\$ or US-5323316-\$ or US-5299125-\$ or US-4811400-\$ or US-4783811-\$ or US-6760635-\$ or US-6745161-\$ or US-6601026-\$ or US-6587844-\$ or US-6574597-\$ or US-6559972-\$ or US-6505157-\$ or US-6456971-\$ or US-6442524-\$ or US-6430557-\$ or US-6405162-\$ or US-6374224-\$ or US-6358665-\$ or US-6308149-\$ or US-6289304-\$ or US-6282507-\$ or US-6278973-\$ or US-6278968-\$ or US-6272464-\$ or US-6266642-\$) did. or (US-6266634-\$ or US-6243679-\$ or US-6243669-\$ or US-6223150-\$ or US-6101492-\$ or US-6073098-\$ or US-6032111-\$ or US-6023760-\$ or US-5906032-\$ or US-5805832-\$ or US-5781884-\$ or US-5768603-\$ or US-5721939-\$ or US-5708829-\$ or US-5610812-\$ or US-5510381-\$) did. or (US-20020198713-\$ or US-20020198702-\$ or US-20020152662-\$ or US-20020120437-\$ or US-20020091512-\$ or US-20020046017-\$ or US-20030074187-\$ or US-20030065505-\$ or US-20030055644-\$ or US-20030055641-\$ or US-20030046087-\$ or US-20030046055-\$ or US-20030039313-\$ or US-20030009331-\$ or US-20030004705-\$ or US-20030120480-\$ or US-20040019483-\$ or US-20040078204-\$ or US-20040088165-\$ or US-2004011264-\$ or US-20040128122-\$ or US-20040145435-\$ or US-2004017184-\$) did.	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 12:47
4	2	704/ cdis. and (@ad @pd @prad) <= 20011115 and (border interface difference zone) with (tone tonal) with (noise) with (frequency pitch) with range	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 12:48
5	2	704/ cdis. and (@ad @pd @prad) <= 20011115 and (border transition edge limit bound\$6 margin interface difference zone) with (tone tonal) with (noise) with (frequency pitch) with range	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 12:49
6	2	704/ cdis. and (@ad @pd @prad) <= 20011115 and (border trans:\$8 edge limit bound\$6 margin interface difference zone) with (tone tonal) with (noise) with (frequency pitch) with range	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 12:50
7	8	704/ cdis. and (@ad @pd @prad) <= 20011115 and (border trans:\$8 edge limit bound\$6 margin interface difference zone) same (tone tonal) with (noise) same (frequency pitch) with range	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 12:51
8	4	704/ cdis. and (@ad @pd @prad) <= 20011115 and (border trans:\$8 edge limit bound\$6 margin interface difference zone) same (tone tonal) with (noise) same (frequency pitch) with range same value	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 13:40
9	5	704/ cdis. and (@ad @pd @prad) <= 20011115 and (border trans:\$8 edge limit bound\$6 margin interface difference zone) same (tone tonal) with (noise) same (frequency pitch) with range same (value amount level quantity)	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	

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10	1	704/ cdis. and (@ad @pd @prad) <= 20011115 and (adaptive\$4 with time same crossover with frequency)	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 13:41
11	1	704/ cdis. and (@ad @pd @prad) <= 20011115 and (adaptive\$4 same time same crossover same frequency)	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 13:41
12	1	704/ cdis. and (@ad @pd @prad) <= 20011115 and (adaptive\$4 same time same crossover)	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 13:43
13	3	704/ cdis. and (@ad @pd @prad) <= 20011115 and (adaptive\$4 same crossover)	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 13:41
17	1221	704/ cdis. and (@ad @pd @prad) <= 20011115 and ((adaptive\$4 temporal\$4 time) with ((value limit\$8 crossover) with (pitch frequency)))	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 13:47
18	8	704/ cdis. and (@ad @pd @prad) <= 20011115 and crossover adj frequency	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 13:50
19	486	704/ cdis. and (@ad @pd @prad) <= 20011115 and (cut adj off cutoff cut-off crossover) adj frequency	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 13:51
20	3	704/ cdis. and (@ad @pd @prad) <= 20011115 and (cut adj off cutoff cut-off crossover) adj frequency same (adaptive\$4 with time)	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/26 13:52
-	1	09987.657	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/24 08:13
-	101	((("6680972", "6708145", "6044206", "5412351", "5384855", "4897879", "5930374", "5439462", "5740420", "5860402", "5388188", "5874372", "6138005", "6222885", "6222885", "6233320", "6278387", "6711259", "5756967", "5710520", "6104996", "5480235", "5659466", "5668338", "5742695", "5918070", "6047073", "6064743", "6246774", "4815068", "5896450", "4308422", "4321624", "5652542", "5708719", "6205219", "6421726", "6606691", "4806932", "4905284", "5598480", "5930370", "6118876", "6243477", "6298140", "6513622", "6115475", "4600891", "RE33333", "5805019") pn.) and (@ad @pd @prad) <= 20011115	USPAT; US-PGPUB; EPO, JPO; DERWENT; IBM, TDB	2004/08/25 07:12
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1	((("6680972" "5708145" "6044206" "5412351" "5384855" "4897879" "5930374" "5439462" "5740420" "5880402" "6388188" "5874372" "6138005" "6222885" "6222885" "6233220" "6278387" "6711259" "5756967" "5710520" "6104999" "5490235" "5659466" "5688338" "5742895" "5918070" "6047073" "6064743" "6245774" "4815068" "5996450" "4308422" "4321624" "5652542" "5708719" "6205219" "6421726" "6606691" "4806932" "4905284" "5598480" "5930370" "6118876" "6243477" "6298140" "6513622" "6115475" "4602891" "FE333333" "5805019" "pn) and (@ad @pd @prad)<=20011115) and (perceptual with entropy) (perceptual with entropy)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/25 07:13
117		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/25 07:46
48	(((perceptual with entropy)) and 704/ccls and (@ad @pd @prad)<=20011115	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/25 07:46
40	(((perceptual with entropy)) and 704/ccls and (@ad @pd @prad)<=20011115) and (perceptual with entropy) same signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/25 07:23
10	(((perceptual with entropy)) and 704/ccls and (@ad @pd @prad)<=20011115) and (perceptual with entropy) same signal same measur\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/25 07:23
26	704/ccls and (@ad @pd @prad)<=20011115 and (distortion with energy same coding)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/26 07:17
9	704/ccls and (@ad @pd @prad)<=20011115 and (distortion with energy same coding same measur\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/26 07:16
1	704/ccls and (@ad @pd @prad)<=20011115 and (bit adj reservoir bit-reservoir) with codec	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/26 07:17
1	704/ccls and (@ad @pd @prad)<=20011115 and (bit adj reservoir bit-reservoir) same codec	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/26 07:18
1	704/ccls and (@ad @pd @prad)<=20011115 and (bit with reservoir bit-reservoir) same codec	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/26 07:19
1	704/ccls and (@ad @pd @prad)<=20011115 and (bit with reservoir bit-reservoir) same codec	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/26 07:20
440	704/ccls and (@ad @pd @prad)<=20011115 and (bit with reservoir cache buffer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/26 07:21

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-	3	704/ccls and (@ad @pd @prad)<=20011115 and (bit with reservoir cache buffer) with codec	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/26 07:22
-	8	704/ccls and (@ad @pd @prad)<=20011115 and (bit with reservoir cache buffer) same codec	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/26 07:43
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